

IN THE CLAIMS:

Page 10, line 1, please delete "PATENT CLAIMS" and insert
therefore --What is Claimed is:--

Please cancel claims 1-15 and add the following new claims:

--16. System for assisting an operator of a technical
appliance, said system including an image display device for
displaying information in the form of an image or symbol in the
normal field of vision of the operator in situations requiring
reaction of the operator, wherein said image or symbol (1) is
displayed at least once for a brief period of time, and wherein
the duration of the display is below the threshold of recognition
and above a subconscious threshold of detection of the operator.

17. System according to Claim 16, wherein the operationally
relevant information is displayed briefly immediately after
recognition of the appropriate situation.

18. System according to claim 16, wherein the operationally
relevant information is warning information.

19. System according to claim 16, wherein the technical
appliance is an automotive vehicle.

20. System according to Claim 16, further including
at least one device for automatic recognition of situations
which may require the reaction of the automotive vehicle operator
and

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AI
control

[illegible]

- a) a device for recognition of an inappropriate speed of the vehicle prior to a curve,
- b) a device for recognition of traffic signs,
- c) a device for recognition of road conditions,
- d) a device for recognition of traffic signals
- e) a device for recognition of approach situations,
- f) a device for recognition of crossing situations,
- g) a device for recognition of pedestrians,
- h) a device for recognition of low signal amplitude and tedious driving situations.

23. System according to Claim 20, wherein the at least one device for automatic recognition of situations includes a navigation device and/or a device for monitoring operational values of the vehicle.

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cont'd

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- AI Control*
- b) pictograms,
 - c) traffic signals,
 - d) arrows,
 - e) written words.

25. System according to claim 16, wherein the image display device is a heads-up display.

26. System according to Claim 25, wherein the heads-up display is wearable by the operator in the manner of at least one of glasses or goggles.

27. System according to Claim 16, wherein the image display device is a display screen (2) for direct observation by the operator.

28. System according to Claim 27, wherein the display screen is a display screen (2) with controllable pixels on the instrument panel for representation of operating parameters of the vehicle.

29. System according to claim 16, wherein the duration with which a respective image or symbol (1) is briefly displayed is adjustable by the operator.

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30. System for assisting an operator of a technical appliance, said system including an image display device for displaying operationally relevant information in the form of an image or symbol in the normal field of vision of the operator, wherein said image or symbol (1) is displayed at least once for a brief period of time, and wherein the duration of the display is below